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# Update on CentOS 7



**Attention!** This guide is applicable **only for CentOS 7**. If you are using CentOS 8 or VEOS, ignore this guide.

Due to certain limitations in ClickHouse, changes were made to the dependencies of our fastor package. These changes ensure the correct functioning of the package on CentOS 8 and VEOS, but may cause issues on CentOS 7 due to the inability to handle the specified dependencies.

## Step-by-Step Guide

**Step 1.** If you are receiving large amounts of data, it is recommended to:

1. Stop the receivers:

```
fastor-stop
```

2. Wait for the inserts to complete in the database:

```
clickhouse-client --query="select * from system.processes sp where  
sp.query like 'insert into%' | wc -l
```

3. Stop the database:

```
fastor-db-stop
```

**Step 2.** Clear the yum cache:

```
yum clean all
```

**Step 3.** Run the installation script to update the repositories:

```
source <(curl https://vasexperts.ru/install/fastor-rpm_install.sh)
```



The script will not be completed successfully. The script output will contain errors indicating that ClickHouse dependencies cannot be resolved.

**Step 4.** Check the output of the command:

```
rpm -qa | grep clickhouse
```

If the output shows different states for all packages:

```
clickhouse-client-23.4.2.11-1.x86_64  
clickhouse-server-23.4.2.11-1.x86_64  
clickhouse-common-static-23.4.2.11-1.x86_64
```

then you need to remove these packages:

```
rpm -e fastor clickhouse-client-23.4.2.11-1.x86_64 clickhouse-  
server-23.4.2.11-1.x86_64 clickhouse-common-static-23.4.2.11-1.x86_64
```

**Step 5.** Update ClickHouse:

```
yum install clickhouse-common-static-24.2.2.71 clickhouse-server-24.2.2.71  
clickhouse-client-24.2.2.71
```



The package versions should be exactly as specified in the command

**Step 6.** If the file `/usr/lib/systemd/system/clickhouse-server.service` contains the parameter `TimeoutStartSec=0`, it needs to be removed. This affects the startup of ClickHouse on CentOS 7.

Then run the command:

```
systemctl daemon-reload
```

**Step 7.** Install the latest version of fastor:

```
yum install fastor
```

**Step 8.** Restart ClickHouse in repair mode:

```
fastor-db-restart-repair
```

**Step 9.** Update the database schema:

```
fastor-db-scheme
```

**Step 10.** Restore the `.env` file:

```
mv "/var/goestor/backend/.env.rpmsave" "/var/goestor/backend/.env"
```

**Step 11.** Restart the receivers:

```
fastor-restart
```